

MEMORANDUM
Department of Environmental Quality
South Central Regional Office

7705 Timberlake Road

Lynchburg, Virginia 24502

Subject: Planning Service Requests for VPDES Permit Application Processing

To: Amanda Gray, Water Planning Engineer

From: Leah Revelle, Environmental Engineer

Date: February 25, 2008

Copies: Facility Permit Processing File, Planning File

The request for information from the planning section is to be made at the time of sending the reissuance reminder letter to the facility or, for an issuance or modification, at the time of application/modification request receipt.

FACILITY NAME: Simmons Terminal & Restaurant

VPDES PERMIT NO. VA0063614 **EXPIRATION DATE:** February 14, 2009

PERMIT ACTION: Issuance *Reissuance* Modification

PERMIT TYPE: Major *Minor* *Municipal* Industrial Storm Water TMP TRE

PERMIT WRITERS: ATTACH THE FOLLOWING MAPS AND INFORMATION

- Topo map with facility location and outfall locations clearly marked (include any proposed outfalls)
- Site diagram for facilities with multiple outfalls
- Description or map showing effluent flow path if not apparent on topo map
- The outfall numbers, latitude, longitude, receiving stream and topo name in the table below (use an additional sheet if there are more outfalls)

Outfall No.	Latitude	Longitude	Receiving Stream	Topo Name
001	36° 35' 56.52"N	78° 9' 8.58"W	UT, Lake Gaston	010C Bracey
002	36° 35' 54.90"	78° 9' 5.26"	UT, Lake Gaston	010C Bracey
902	36° 35' 59.38"	78° 9' 10.60"	UT, Lake Gaston	010C Bracey

 X Check if a new FLOW FREQUENCY DETERMINATION is being requested.

If checked, provide the previous flow frequency determination memo

 Check if a new or revised WATER QUALITY MODEL is being requested.

If checked, provide the facility flow and the previous limitations page

DATE INFORMATION NEEDED March 3, 2008

Planning Statement for VPDES Permit Application Processing
DEQ-SCRO

VPDES	OwnerName	Facility	County
VA0063614	Parker Oil Company	Simmons Truck Terminal	Mecklenburg

Outfall #: 001

River Basin: Roanoke River

Receiving Stream: UT, Lake Gaston

Subbasin: Roanoke River

Watershed Code: L79R

River Mile: 0.88

	MGD		MGD
1Q10	0	HF 1Q10	0
7Q10	0	HF7Q10	0
30Q5	0	HF30Q10	0
30Q10	0	HM	0

Modeling Notes


WQMP Name 9 VAC 25-720-80

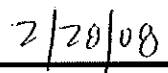
Statement There are no allocations for this facility
listed in the plan.

TMDL ID None

Impairment Cause

TMDL Due Date


Amanda B. Gray, Water Planning Engineer


Date

Planning Statement for VPDES Permit Application Processing DEQ-SCRO
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VPDES	OwnerName	Facility	County
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Outfall #: 002

River Basin: Roanoke River

Receiving Stream: UT, Lake Gaston

Subbasin: Roanoke River

Watershed Code: L79R

River Mile: 0.88

	MGD		MGD
1Q10	0	HF 1Q10	0
7Q10	0	HF7Q10	0
30Q5	0	HF30Q10	0
30Q10	0	HM	0

Modeling Notes

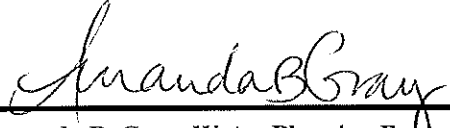
WQMP Name 9 VAC 25-720-80

Statement There are no allocations for this facility
listed in the plan.

TMDL ID None

Impairment Cause

TMDL Due Date


 Amanda B. Gray, Water Planning Engineer

2/28/08
 Date

Planning Statement for VPDES Permit Application Processing DEQ-SCRO

VPDES	OwnerName	Facility	County
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Outfall #: 902

River Basin: Roanoke River

Receiving Stream: UT, Lake Gaston

Subbasin: Roanoke River

Watershed Code: L79R

River Mile: 0.88

	MGD		MGD
1Q10	0	HF 1Q10	0
7Q10	0	HF7Q10	0
30Q5	0	HF30Q10	0
30Q10	0	HM	0

Modeling Notes


WQMP Name 9 VAC 25-720-80

Statement There are no allocations for this facility
listed in the plan.

TMDL ID None

Impairment Cause

TMDL Due Date



 Amanda B. Gray, Water Planning Engineer

2/28/08

 Date

MEMORANDUM


DEPARTMENT OF ENVIRONMENTAL QUALITY

South Central Regional Office - Water Planning

7705 Timberlake Road Lynchburg, VA 24502 434/582-5120

SUBJECT: Flow Frequency Determination
Simmons Terminal & Restaurant VA#00063614

TO: Leah Revelle

FROM: Amanda Gray 

DATE: February 28, 2008

COPIES: File

The Simmons Terminal & Restaurant discharges via three outfalls to an unnamed tributary to Lake Gaston in Mecklenburg County, Virginia. Flow frequencies are required at this site for use by the permit writer in developing the VPDES permit.

The flow frequencies for the receiving stream were determined by inspection of the USGS Bracey Quadrangle topographic map. The map depicts the stream as intermittent. The flow frequencies for intermittent streams are 0.0 cfs for the 1Q10, 7Q10, 30Q5, 30Q10, HF1Q10, HF7Q10, HF30Q10 and harmonic mean.

If you have any questions regarding this analysis please feel free to contact me.

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